

Title (en)

Medium position determining device and image recording device

Title (de)

Vorrichtung zur Positionsbestimmung eines Trägers, und Bildaufzeichnungsvorrichtung

Title (fr)

Dispositif pour déterminer la position d'un support, et dispositif d'enregistrement d'images

Publication

EP 1707396 A1 20061004 (EN)

Application

EP 06251706 A 20060329

Priority

JP 2005095190 A 20050329

Abstract (en)

A medium position determining device includes a sensor (50), and a scanning carriage (38) that is configured to move in a reciprocating manner in a scanning direction, in which the sensor is mounted to the scanning carriage. The device also includes a controller that is configured to move the scanning carriage and to determine a position of the scanning carriage with respect to the medium when the scanning carriage moves in the scanning direction. Moreover, the controller moves the scanning carriage at a first speed in the scanning direction, and after the controller determines that the scanning carriage is in a first position with respect to the medium, the controller moves the scanning carriage in the scanning direction at a second speed that is greater than the first speed.

IPC 8 full level

B41J 11/00 (2006.01); **B41J 19/20** (2006.01)

CPC (source: EP US)

B41J 11/0025 (2013.01 - EP US); **B41J 11/0065** (2013.01 - EP US); **B41J 11/008** (2013.01 - EP US); **B41J 11/0095** (2013.01 - EP US); **B41J 19/205** (2013.01 - EP US); **H04N 1/00681** (2013.01 - EP US); **H04N 1/00702** (2013.01 - EP US); **H04N 1/00734** (2013.01 - EP US); **H04N 1/00748** (2013.01 - EP US); **H04N 1/128** (2013.01 - EP US); **H04N 1/1911** (2013.01 - EP US); **H04N 1/12** (2013.01 - EP US); **H04N 2201/0082** (2013.01 - EP US); **H04N 2201/0462** (2013.01 - EP US); **H04N 2201/0468** (2013.01 - EP US)

Citation (search report)

- [X] US 2004141782 A1 20040722 - KATO TETSUYA [JP]
- [A] US 2002033851 A1 20020321 - WALDNER STEPHAN [CH], et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1707396 A1 20061004; **EP 1707396 B1 20090218**; DE 602006005184 D1 20090402; JP 2006273507 A 20061012; JP 4379366 B2 20091209; US 2006221160 A1 20061005; US 7533959 B2 20090519

DOCDB simple family (application)

EP 06251706 A 20060329; DE 602006005184 T 20060329; JP 2005095190 A 20050329; US 27712406 A 20060321